

Bond Release Findings

Mine Name: Indian Queen Marble  
 Operator: Gary Applegate  
 995 N Main  
 P.O. Box 668  
 Tooele, Utah 84074

I.D. No.: M010019

Mineral Ownership: Fee  
 Surface Ownership: Fee  
 Permit Term: 1996

Disturbed Area: 10 Acre per GPS Survey  
 03/20/2001  
 Regraded: 10 acres  
 Reseeded: 10 acres

Acres Bonded: 14.43 acres approved Plan; only  
 10 acres disturbed  
 Acres Proposed for Release: 14.3 acres

Surety

Amount: \$29,000

Form: Surety Bond Frontier

Renewable Term: Bond Expired 06/17/2003

Setting and Premining Environment

The site is located West Of Beaver, Utah in the San Francisco Mountains. The site was originally covered with Wyoming Sage, Rabbitbrush, Indian Rice Grass, and Pinon Juniper.

Operations

Mining was accomplished using an excavator and loader, blasting the white marble, which was then crushed and screened into usable sizes. What topsoil was available was salvaged and stockpiled. No permanent structures were used on site. The original plan was bonded for 14 acres, but this plan and acreage was never realized. Only 10 acres was disturbed.

Hole Plugging

No drilling was carried out during the mining phase..

Reclamation

The site was regraded and seeded with an approved seed mix. A variance was granted that the available topsoil would be used as beneficially as possible to make the best use of the resource at hand based on the assumption that a lot of the area was outcrop rock before mining was initiated.

Mine Engineering

Public Safety: The highwalls were reduced significantly leaving small rock slopes that are inaccessible to anyone who is not on foot.

Slopes and Highwalls. All slopes and highwalls were graded to a stable configuration.

Hydrology

The ephemeral drainages were regraded and left to be free flowing past the site.



*Sediment is being controlled by surface roughness left after regrading.*

*The Access road into the site was regraded into a two-track dirt road with the sides of the roads.*

### **Revegetation**

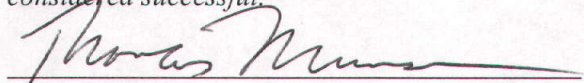
*Postmining landuse. The post mining landuse is grazing and wildlife. This will be accomplished by regrading the site and seeding it with a native seed mix to promote native vegetation. The revegetation success standard is 17 percent cover. Past reclamation has been very successful*

*Topsoil. The site was regraded and the topsoil was pushed over the site, ripped into the underlying subsoil or waste rock, and seeded. The majority of the site was covered with available topsoil.*

*Revegetation. Describe the revegetation methods used. The site was reseeded using hand broadcast seeding methods with an approved seed mix. The site can only be released from the regrading portion of the bond having been only seeded this year 2006.*

### **Recommendation**

*The current regraded disturbance is 10 acres and therefore the revegetation bond amount will be \$500/acre for broadcast reseeding 10 acres and a \$2,000 mobilization of a bulldozer or track hoe to re-rip the site if it becomes necessary prior to reseeding. \$2,000 dollars is the standard mobilization charge for a piece of equipment plus \$500 dollars per acre for ten acres of reseeding amounts to \$7,000 dollars to be held until the revegetation is considered successful.*



Inspector

10/3/06

Date



This page is a reference page used to track documents internally for the Division of Oil, Gas and Mining

Mine Permit Number M/001/0019 Mine Name Indian Queen Marble  
Operator Gary Applegate Date Sent 9-26-06  
TO \_\_\_\_\_ FROM \_\_\_\_\_

☐ CONFIDENTIAL ☐ BOND CLOSURE ☐ LARGE MAPS ☐ EXPANDABLE  
☒ MULTIPUL DOCUMENT TRACKING SHEET ☐ NEW APPROVED NOI  
☐ AMENDMENT ☐ OTHER \_\_\_\_\_

Description

YEAR-Record Number

☐ NOI ☐ Incoming ☒ Outgoing ☐ Internal ☐ Superceded  
BOND Release Letter 9-29-06 0003

☐ NOI ☐ Incoming ☐ Outgoing ☒ Internal ☐ Superceded  
BOND Release Findings 10-3-06 0002

☐ NOI ☐ Incoming ☐ Outgoing ☒ Internal ☐ Superceded  
Inspection Report 8-1-06 0001

☐ NOI ☐ Incoming ☐ Outgoing ☐ Internal ☐ Superceded

☐ TEXT/ 8 1/2 X 11 MAP PAGES ☐ 11 X 17 MAPS ☐ LARGE MAP

COMMENTS: \_\_\_\_\_

CC: \_\_\_\_\_